

**From:** [Brian Pachkowski](#)  
**To:** [Ravi Subramaniam](#)  
**Subject:** Re: revised section on adduct based unit risk for formaldehyde assessment  
**Date:** 01/24/2013 09:37 AM  
**Attachments:** [hcho.Adduct\\_section.DB.SV.MS.BP.JB.RS4\\_01.18.13 - BFP 24Jan.docx](#)  
[Starr 2013 - FA bottom up approach.pdf](#)

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Ravi,

I quickly glanced through the mark ups of your text. (b) (5)

(b) (5)

Also, the Starr/Swenberg bottom up approach is now available on-line.

Brian



▼ Ravi Subramaniam---01/21/2013 08:14:14 AM---From: Ravi Subramaniam/DC/USEPA/US To: Barbara Glenn/DC/USEPA/US@EPA

From: Ravi Subramaniam/DC/USEPA/US  
To: Barbara Glenn/DC/USEPA/US@EPA  
Cc: David Bussard/DC/USEPA/US@EPA, Sury Vulimiri/DC/USEPA/US@EPA, James Ball/DC/USEPA/US@EPA, Brian Pachkowski/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Maria Spassova/DC/USEPA/US@EPA, Jennifer Jinot/DC/USEPA/US@EPA, Bob Sonawane/DC/USEPA/US@EPA  
Date: 01/21/2013 08:14 AM  
Subject: revised section on adduct based unit risk for formaldehyde assessment

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Attached revised version of section and corresponding Appendix on use of the adduct data for comparing against formaldehyde unit risks. This addresses comments from David, Sury, Jim, Brian, and Maria (Maria was requested to comment only on specific items). Jennifer said she would review. The "clean" file retains comments for reference on disposition of review; please use "clean" for additional comments.

Paul: would you have time to review?

Ravi.  
NCEA-Washington, ORD, EPA  
(703) 347-8606, (301) 515-2701 (alternate office)[attachment "hcho.Adduct\_section.DB.SV.MS.BP.JB.RS4\_01.18.13.docx" deleted by Brian Pachkowski/DC/USEPA/US] [attachment "APPENDIX.Adduct.docx" deleted by Brian Pachkowski/DC/USEPA/US] [attachment "APPENDIX.Adduct.CLEAN.docx" deleted by Brian

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"hcho.Adduct\_section.DB.SV.MS.BP.JB.RS4\_01.18.13.CLEAN.docx"  
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